

33. An endoluminal prosthesis, comprising:  
a seamless tubular substrate having an abluminal surface; and  
an elastically deformable and elastically recoverable wire member concentrically  
surrounded by a polymeric cladding, wherein the clad wire member is  
circumferentially disposed about the tubular substrate, the cladding being  
in intimate contact with and joined to the abluminal surface thereof.

34. The endoluminal prosthesis according to Claim 33, wherein the polymeric  
cladding is selected from the group consisting of polytetrafluoroethylene, polyurethane,  
polyethylene, polypropylene, polyamide, polyimide, polyesters, polypropylene, polyethylene,  
polyfluoroethylenes, silicone, fluorinated polyolefins, fluorinated ethylene/propylene copolymer,  
perfluoroalkoxy fluorocarbon, ethylene/tetrafluoroethylene copolymer, and  
polyvinylpyrrolidone.

35. The endoluminal prosthesis according to Claim 33, wherein the wire  
member comprises a material selected from the group consisting of shape memory alloys,  
biocompatible spring steels, biocompatible spring metal alloys, and carbon fibers.

36. The endoluminal prosthesis according to Claim 35, wherein the shape  
memory alloys further comprise nickel-titanium alloys.

37. The endoluminal prosthesis according to Claim 35, wherein the wire  
member further comprises a shape memory alloy with a pre-programmed austenite dimensional  
state, which has substantially the same diametric dimension as the tubular substrate.

38. The endoluminal prosthesis according to Claim 33, wherein the substrate  
comprises a biocompatible material selected from the group consisting of expanded  
polytetrafluoroethylene, polyethylene, polyethylene terephthalate, polyurethane, and collagen.

39. The endoluminal prosthesis according to Claim 33, wherein the wire member comprises a plurality of circumferential rings.

40. The endoluminal prosthesis according to Claim 33, further comprising a second seamless tubular substrate, circumferentially disposed about the cladding and the abluminal surface of the seamless tubular substrate.

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